

Date: Sat, 21 Aug 93 14:43:01 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1000
To: Info-Hams

Info-Hams Digest Sat, 21 Aug 93 Volume 93 : Issue 1000

Today's Topics:

 'Diversity Operation'?
 Address of J37AE
 Phone numbers of mail-order ham products??
 RACES Bulletin #287
 RACES Bulletin #288
 Simple Question...CW (2 msgs)
 USED HF RIG PRICE SURVEY
 WAKE ISLAND DXPEDITION

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 17 Aug 1993 22:46:49 GMT
From: munnari.oz.au!spool.mu.edu!sdd.hp.com!hpscit.sc.hp.com!
johnf@network.ucsd.edu
Subject: 'Diversity Operation'?
To: info-hams@ucsd.edu

Markus Wandel (mwandel@bnr.ca) wrote:
: Anyone care to reminisce about practical use of this technique? Is it still
: used or has it been obsoleted by SSB?

Many of the professional wireless mics used in the VHF-FM bands
use space-polarization diversity to reduce fading.

The HME wireless we have at church has two BNC's on the back. The manufacturer
provided some quarter wave antennas and suggested that they be placed on

the back of the receiver oriented +45 and -45 from vertical. This is why I said polarization diversity. The distance between the bases of the antennas is about eight(8) inches. The frequency of interest is 174 MHz. so this is much less than a half wavelength.

--

```
*****
*   John P. Flowers           _\\/_-----*
*   johnf@scd.hp.com         /|\ We can tell how *
*   HP Santa Clara Division   far gone you are! *
*   Laser R&D                 *
*   My aunt gave me a walkie-talkie for my birthday. She says if *
*   I'm good, she'll give me the other one next year    73 de N6NQW *
*****
```

Date: 21 Aug 93 19:06:39 GMT
From: news-mail-gateway@ucsd.edu
Subject: Address of J37AE
To: info-hams@ucsd.edu

Herb Sims asks for the address of J37AE. His 50 MHz card on my wall says
"D.C. 'Jim' Langdon
Sauteurs
Grenada
West Indies"

I've seen other addresses that include "Post Office" before "Sauteurs".
Sauteurs is a small town at the northern tip of Grenada.

I happened to meet Jim at Grenada's airport a couple of Januarys ago. I was on vacation, and noted that the fellow across the aisle on the plane took a transceiver out of the luggage rack when we got off at Saint George's. Turned out that he was an HF DXer going to J37AE's for a contest operation. I forget his call (sigh). J37AE was meeting him at the airport. Since the DXer was held up for a long time getting his rig into the country, I finally figured out who "MUST" be J37AE and introduced myself. Had a nice talk. He is long retired and only lives in Grenada during the winter.... thus you may have a wait for your QSL card.

Sauteurs is a LONG way over poor roads from the tourist area of Grenada, so I didn't press J37AE for a visit to his shack, which looks very nice on the card.

73, Bob W3OTC

Date: 20 Aug 1993 19:36:41 GMT
From: elroy.jpl.nasa.gov!news@decwrl.dec.com
Subject: Phone numbers of mail-order ham products??
To: info-hams@ucsd.edu

I was inactive in ham radio for more than a year and I would like to update my equipments. Can anyone give me some phone numbers of companies who carry ham radio products so I can get some catalogs? I would appreciate it. Thanks.

== Minh, KD6ARD ==

+-----+
Minh Lang, Software Engineer - Jet Propulsion Laboratory
Advanced Test & Measurement Group - Instrumentation section 375
My employer has nothing to do with what I said here...
+-----+

Date: 21 Aug 93 15:25:20 GMT
From: news-mail-gateway@ucsd.edu
Subject: RACES Bulletin #287
To: info-hams@ucsd.edu

Bid : \$RACESBUL.287

RB: 287 OPS Official Relay Stations 1/2 8/16/93
TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO
INFO: ALL RACES OPERATORS IN CA (ALLCA: OFFICIAL)
ALL AMATEURS U.S. (@ USA: INFORMATION)
FROM: CA STATE OFFICE OF EMERGENCY SERVICES (KH6GBX @ WA6NWE.CA)
2800 Meadowview Rd., Sacramento, CA 95832 (916)262-1600
Landline BBS open to all: (916) 262-1657
RACESBUL.287 DATE: Aug. 16, 1993

SUBJECT: OPS: Official Relay Stations - Part 1/2

In emergency communications there are times when the only reliable communication path is via a relay station. Howard Shepherd, Manager, MacArthur Relay and frequent Alternate Net Control for the California Emergency Services Net, offers a perspective of how Official Relay stations serve a vital purpose.

The Official Relay station provides an alternate means of communication between the NCS and responding stations on the net, regardless of the type of net. This function becomes critical in disruptions caused by interference, atmospheric conditions and

other situations beyond the control of the NCS.

To best perform the Relay Station should be remotely located from the NCS station so as to minimize the disruption affecting the NCS.

To adequately serve, the Relay Station operator needs to be prepared to carry on a continuity in operations just as if nothing untold has occurred. In daily on-going net operations this means being prepared with the usual roster/rollcall, standard operating procedures and a familiarity with the typical NCS procedures. In order for the station to undertake a seamless operation in the unexpected moment, it needs up-to-date directories, maps, listings, SOP's and a full understanding of the Net's overall purpose.

Top performance comes from careful observation of the nuances of the net operations over time, as well as practice and continued self improvement. This requires careful monitoring and record keeping. Relief and standby operators may be called for in some extended operations and need to be considered as well as these other factors.

Operations alone is but part of the preparation. Equipment must be considered. An emergency power source is a vital requirement for lighting, radios and life support for the station personnel. An adequate emergency food and water supply is an obvious requirement in an extended incident where commercial power or facilities may be disrupted.

(To be continued in Part 2 of 2 parts)

EOM

RACES Bulletins are archived on the Internet at ucsd.edu in [hamradio/races](http://ucsd.edu/hamradio/races) and can be retrieved using FTP.

Date: 21 Aug 93 15:26:09 GMT
From: news-mail-gateway@ucsd.edu
Subject: RACES Bulletin #288
To: info-hams@ucsd.edu

Bid : \$RACESBUL.288

TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO
INFO: ALL RACES OPERATORS IN CA (ALLCA: OFFICIAL)
ALL AMATEURS U.S. (@ USA: INFORMATION)
FROM: CA STATE OFFICE OF EMERGENCY SERVICES
(KH6GBX @ WA6NWE.CA)
2800 Meadowview Rd., Sacramento, CA 95832

(916)262-1600

Landline BBS open to all: (916) 262-1657

RACESBUL.288

DATE: Aug. 23, 1993

SUBJECT: OPS: Official Relay Stations - Part 2/2

While not all relay stations may have multi-band, multi-antenna, multi-operations facilities, such can come into play in certain situations. The more versatile the station the greater the likelihood the net will be well served. For example, the California Emergency Services Net utilizes both SSB and Amtor modes. In addition, the NCS can be involved in monitoring not only the main frequency, but off-channel nets or sub-nets as well. So, simultaneous multiple channel monitoring is an important factor, as is the ability to operate on or monitor two or more frequencies simultaneously.

The stations usefulness is enhanced with multi-line phones, FAX and Packet for rapid transmission of data in a variety of modes. While some of these may not be useful in certain emergencies, one or more are frequently in operation.

A further usefulness of the Official Relay Station is the addition of equipment, with appropriate licensing, to operate on government frequencies. The State of Nevada, for instance, assigned a portable on California Operation SECURE system.

This article is based on experiences as an Official Relay Station with the California Emergency Services Net, as Deputy Chief Radio Officer of L.A. County Disaster Communications Service, as a Region Radio Officer and extended military experience. It is intended to assist any Net Control Station in obtaining reliable backup to essential communications in an emergency.

/signed/ Howard Shepherd, W6US State OES Official Relay Station,
MacArthur, California Emergency Services Net Alternate Net
Control

EOM

RACES Bulletins are archived on the Internet at ucsd.edu in hamradio/races
and can be retrieved using FTP.

Date: Fri, 20 Aug 1993 21:36:39 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!sdd.hp.com!col.hp.com!
news.dtc.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!news1.boi.hp.com!hp-pcd!
hpspkla!depaul@network.ucsd.

Subject: Simple Question...CW

To: info-hams@ucsd.edu

Hello folks...

Well, I'm starting to get back on CW again after many years of non-use.
I want to get my code speed up to 35ish WPM, at present I can carry on a
QSO at about 17 WPM.

Do any of you have a CW technique that you use to kick it into high gear?

(Strange thing: I can copy 22ish WPM when I'm very tired.)

With Regards,

Marc DePaul

Date: 20 Aug 93 19:49:02 CST
From: elroy.jpl.nasa.gov!swrinde!menudo.uh.edu!ccsvax.sfasu.edu!
f_speerjr@decwrl.dec.com
Subject: Simple Question...CW
To: info-hams@ucsd.edu

In article <CC2up4.3rB@spk.hp.com>, depaul@spk.hp.com (Mark DePaul) writes:

> Hello folks...
>
> Well, I'm starting to get back on CW again after many years of non-use.
> I want to get my code speed up to 35ish WPM, at present I can carry on a
> QSO at about 17 WPM.
>
> Do any of you have a CW technique that you use to kick it into high gear?
>
>
> (Strange thing: I can copy 22ish WPM when I'm very tired.)
>
>
> With Regards,
>
> Marc DePaul
>
>

Contrary to the usual advice, I've found that sending faster helps me "copy"
faster. I put "copy" in quotes, because I quit trying to write down the
word-for-word copy years ago -- I'm no traffic-handler!

Cheers & 73,

Jim -- K5YUT

Date: 20 Aug 93 20:50:25 GMT
From: olivea!gossip.pyramid.com!pyramid!infmtx!infmtx!randall@uunet.uu.net
Subject: USED HF RIG PRICE SURVEY
To: info-hams@ucsd.edu

USED HF & 6m RIG PRICE SURVEY
20 Aug 1993 Version

Here is a list of actual transactions involving buying
and selling of HF amateur radios.

I have absolutely no affiliation with any ham-radio-related
business. Rigs are sorted by maker, model, and price. All
transactions were made within the past three years. I welcome
any additional responses; please indicate maker and model of
your used rig, date bought/sold, how sold (Usenet, retailer,
on air, private, etc.), price, condition, and any accessories
or options.

Make Model	How Sold	Price(US\$)	Extras	Comment
-----	-----	-----	-----	-----
ATLAS				
210X	OnAir	\$150	None	Good condn,6/93
COBRA				
148	Hamfest Foothl	\$70	None	CB convrtd to 10m
COLLINS				
75S3B/32S1	Usenet	\$500	Spkr,PS	good condn
DRAKE				
TR-3	Retailer	\$300	None	fair condn
TR-5	Internet	\$300	CW flt,PS	good condn
TR-4	Hamfest Foothl	\$275	spkr,mic,PS	fair condn
TR-4	Hamfest Foothl	\$300	spkr,mic,PS	fair condn
R-4C/T-4C	OnAir	\$200	PS,VFO	separate rcvr/xmtr

TR-7	fair condn Usenet	\$600	3 flt, PS
------	----------------------	-------	-----------

HEATHKIT

HW-8	Hamfest	\$75	none	no manual, need align
HW-8	Hamfest Evnsvl	\$115	PS	good condn
HW-101	Private	\$125	CW flt, mic, PS, spkr	good condn
HW-101	Private	\$150	CW flt, mic, PS, spkr	good condn
HW-101	Usenet	\$200	CW flt, mnl, PS, spkr	needed some work, 3/92
Mohawk/Mrdr	Private	\$80	mic, mnl	TX/RX pair, 1960, 7/93
SB-101	Usenet	\$110	CW flt	good condn
SB-104A	Private	\$150	VFO, PS, mic, mnl	needed work, 7/93
SB-200	YelloSht	\$325	New tubes	good condn
SB-300/400	Usenet	\$125	CW/AM flt, spkr, mnl	poor condn, 4/92
SB-300/400	Usenet	\$225	CW/AM flt, spkr, mnl	good condn, 5/93
SB-303	Usenet	\$100	Cw flt, manual	rcvr, good c, 8/92

HALLICRAFTERS

R-19	Private	\$95	None	good con, 6/92
S-38	Hamfest	\$35	None	good con, 6/92
S-120	Usenet	\$60	None	good con, 6/92
SX-42	Usenet	\$135	None	fair con, 6/92
SX-101	Hamfest	\$160	None	good con, 6/92
SX-110	Usenet	\$85	None	good con, 6/92

HAMMERLUND

HQ-145	Private	\$45	none	good condn
HQ-145	Private	\$85	none	good condn
HQ-170	Hamfest TRW	\$250	spkr	new condn

HENRY/TEMPO

One	Hamfest NC	\$140	none	fair condn
2020	NutsVolts	\$75	none	fair condn

ICOM

IC-551	Private	\$350	FM	6m rig, new condn
IC-575H	Retailer	\$720	None	6m, 5/93
IC-575H	Retailer	\$1000	None	6m, mint, 6/93
IC-720A	Hamfest Lvrmr	\$400	CW flt	near new condn
IC-730	OnAir	\$400	none	fair condn
IC-735	Usenet	\$600	None	good condn
IC-735	Usenet	\$700	CW flt, keyer	good condn

IC-735	Private	\$800	Keyer,spkr,PS	1 yr old, w/paddle
IC-740	Hamfest NH	\$575	PS,CW flt,FM	good condn
IC-740	Dayton	\$650	CW flt	good condn
IC-745	Usenet	\$600	PS,keyer,CW flt	good condn
IC-745	Dayton	\$650	PS,keyer,CW flt	good condn
IC-751	Retailer	\$700	CW flt	new condn
IC-751	Hamfest NC	\$750	PS,CW flt,keypd	w/speech modl
IC-751A	YlloSht	\$850	None	1 yr old
IC-751A	Retailer	\$1150	PS,CW/SSB flt	good condn
IC-761	Private	\$1300	none	good condn
IC-765	Usenet	\$1600	3 CW flt	new condn
IC-765	QST Clasfd	\$1788	none	new condn
IC-765	Retailer	\$1800	none	fair condn
IC-765	Usenet	\$2000	w/all options	good condn
IC-781	OnAir	\$3500	none	good condn
IC-781	QST Clasfd	\$4000	none	new condn

JOHNSON

ValiantI	Hamfest TRW	\$150	None	fair condn
VikRanger	Hamfest TRW	\$100	None	fair condn

KENWOOD

TS-120S	OnAir	\$300	none	fair condn
TS-120S	Usenet	\$350	PS	fair condn
TS-140	Private	\$550	none	new condn,7/93
TS-140	Private	\$700	CW flt	new condn,7/92
TS-180S	Usenet	\$450	FC,CW flt	fair condn
TS-430S	Private	\$500	none	good condn
TS-430	Private	\$600	FM bd	good condn
TS440S/AT	OnAir	\$750	2 flt, ant tunr	new condn
TS440S/AT	OnAir	\$850	2 flt, ant tunr	new condn
TS-520	OnAir	\$300	None	good condn
TS-520	Private	\$350	mic,manual,meter	good condn
TS-520	Private	\$450	Heath amp,mic	good condn
TS-520S	Private	\$300	Heath amp,mic	FC, good condn
TS-520S	Usenet	\$375	CW flt,MFJ tuner	good condn
TS-520SE	YlloSht	\$350	VFO,spkr	
TS-520SE	OnAir	\$500	VFO,spkr,CW flt, mic	
TS-530S	Private	\$425	none	good condn
TS-530S	Private	\$550	spkr,desk mic	good condn
R-599A + T	Private	\$175	separate Rcvr/Xmtr	needed repair
TS-690	OnAir	\$1800	CW flt,PS,stab,VM	new condn, w/6m
TS-820	Hamfest NJ	\$400	none	fair condn
TS-820S	Usenet	\$165	none	needed repair
TS-820S	Usenet	\$575	CW flt,MFJ ant tr,	prob with display

			spare finals	
TS-830S	Hamfest LA	\$600	none	good condn
TS-830S	Hamfest Cincin	\$600	none	good condn
TS-830S	Retailer	\$650	desk mic	good condn
TS-850S/AT	OnAir	\$1250	3 flt, ant tunr	new condn
TS-940SAT	Usenet	\$1150	spkr,desk mic, ant tunr,CW flt	good condn
TS-940SAT	Retailer	\$1450	VM,spkr,ant tunr	good condn
TS-950S	Retailer	\$2000	none	good condn
TS-950S	Retailer	\$2000	all options	new condn

RADIO SHACK

HTX-100	Hamfest Foothl	\$150	none	sale in 1991, 10m
HTX-100	Retailer	\$159	none	RdoShk tent sale, 10m

SWAN

350	Retailer	\$175	PS,spkr,spr tubes	good condn
-----	----------	-------	-------------------	------------

TEMPO/HENRY

One	Hamfest NC	\$140	none	fair condn
2020	NutsVolts	\$75	none	fair condn

TEN-TEC

Century 21	OnAir	\$150	None	good condn
Century 21	Usenet	\$165	None	new condn
Corsair 1	Retailer	\$595	CW flt	good condn
Omni D	Private	\$400	None	good condn
Paragon	Private	\$1650	PS,FM,CW flt	new condn
Triton IV	YlloSht	\$200	None	
Triton IV	YlloSht	\$300	PS,CW flt, NL	No mic, good condn
Triton IV	YlloSht	\$300	PS,CW flt, NL,mic	

UNIDEN

HR-2600	Usenet	\$160	None	Good condn, 10m
---------	--------	-------	------	-----------------

YAESU

FT101B	Private	\$400	scope,PhP,spkr,FC	Good condn
FT101E	Usenet	\$350	none	
FT101EE	Retailer	\$400	none	w/warranty,fair condn
FT620B	Private	\$175	none	6m,9/92
FT-726R	Usenet	\$600	2m,70cm,Sat	VHF rig
FT-726R	Retailer	\$950	6m,2m,70cm	6m+VHF rig

FT747GX	Retailer	\$550	CW flt	good w/warranty
FT767GX	Usenet	\$850	6m,2m	HF+VHF rig, good cond
FT767GX	YelloSht	\$1375	6m,2m,70cm	HF+VHF rig, good cond
FT1000	OnAir	\$2000	none	good condn

ABBREVIATIONS

2m	Two Meter band module included
6m	Six Meter (50 MHz) band included
10m	Ten Meter (28 MHz) band only
70cm	70 Centimeter (440 MHz) band included
Amp	Linear amplifier
Bd	Board
CW flt	CW narrow filter
FC	Frequency Counter
Flt	Filter
FM	FM unit
Foothl	Foothill hamfest (California)
Lvrmr	Livermore, California
mn1	Manual
mic	Desk mic
NC	North Carolina
NL	Noise limiter
NutsVolts	Nuts and Volts Periodical
OnAir	Sold through on-the-air contact or packet
PhP	Phone Patch
PS	Power Supply
Sat	Satellite unit
Stab	Extra stable oscillator
TRW	TRW Swap Meet (Los Angeles CA)
VFO	External VFO
VM	Voice Module
YlloSht	Yellow Sheet Ham Trader Periodical

--

```

=====
Randall Rhea                                Informix Software, Inc.
Project Manager, MIS Sales/Marketing Systems  randall@informix.com
-----

```

Date: Sat, 21 Aug 1993 09:07:49 GMT
 From: olivea!charnel!rat!zeus!farad.elee.calpoly.edu!chlee@uunet.uu.net
 Subject: WAKE ISLAND DXPEDITION
 To: info-hams@ucsd.edu

***** WAKE ISLAND DXPEDITION *****

AUGUST 20, 1993

FOR IMMEDIATE DISTRIBUTION

As of today, We are proud to announce the commencement of the Cal Poly San Luis Obispo ARC DXpedition to Wake Island (KH9). All the necessary arrangements have been finalized and all is go.

OPERATION:

Hawaii (KH6) Aug 30, Sept 10-12

Kwajalein (V73) Aug 31

Wake Island (KH9) Aug 31 --> Sept 10

BANDS:

Oscar 13

6 Meters

(SCHED'S POSSIBLE)

10-160 meters (High Power)

MODES:

SSB, CW, RTTY

OPERATORS:

Craig Gullickson KC6CEX

Javier Campos AH6MM

Craig Boyer AH9B

(CALLS SUBJECT TO CHANGE)

Chris Lee AB6EV

Kirk Fabrizio AH6ML

Pat Guerin NH6UY

There will be two fully operational stations complete with beams, amps, computers, and loads of candy bars for the late hours.

We will make a special effort to listen for propagation to Europe and the East Coast. Utilizing filters and proper antenna placement, we will try transmitting two signals on the same band to maximize qso's in these needed areas.

Thanks goes to all who have graciously opted to support us on this great venture.

Good luck to all. We hope to work you on our propagation experiment DXpedition to the Pacific.

73's de Craig KC6CEX (209) 227-2618

Chris AB6EV (805) 543-8467

Chris J. Lee AB6EV chlee@farad.elee.calpoly.edu
ELEE DEPT 7J1AJT chlee@trumpet.calpoly.edu
Cal Poly, San Luis Obispo HM1RT chlee@oboe.calpoly.edu

Date: 20 Aug 93 18:15:30 GMT
From: tymix!drawson@uunet.uu.net
To: info-hams@ucsd.edu

References <1993Aug17.134344.7129@titan.ksc.nasa.gov>,
<1993Aug18.173649.4719@infodev.cam.ac.uk>, <ct.745835670@login.dkuug.dk>
Subject : Re: Alpha Bravo Charlie - Russian?

The following three alternatives sound more familiar to me than the ones
originally listed, but I last heard this stuff in 1966!

> G - Grigoriy
> K - Konstantin
> M - Mikhail

73, Dick

Date: Thu, 19 Aug 1993 21:17:00 +0000
From: news!demon!llondel.demon.co.uk!dave@uunet.uu.net
To: info-hams@ucsd.edu

References <1993Aug18.185159.9736@pixar.com>, <24ud34\$e44@hpscit.sc.hp.com>,
<CC0o14.H8n@westford.ccur.com>s
Reply-To : dave@llondel.demon.co.uk
Subject : Re: A strange thing that happens when you are learning code

Works both ways as well.... try whistling CQ in a crowd and see who twitches
:-)

Dave

* G4WRW @ GB7WRW.#41.GBR.EU AX25 * Start at the beginning. Go on *
* dave@llondel.demon.co.uk Internet * until the end. Then stop. *
* g4wrw@g4wrw.ampr.org Amprnet * (the king to the white rabbit) *

Date: Sat, 21 Aug 1993 13:17:30 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
darwin.sura.net!gatech!kd4nc!ke4zv!gary@network.ucsd.edu
To: info-hams@ucsd.edu

References <250043\$h3e@charm.magnus.acs.ohio-state.edu>,
<CC0r4s.FCu@cbnewsm.cb.att.com>, <252nkk\$3sa@gopher.cs.uofs.edu>
Reply-To : gary@ke4zv.UUCP (Gary Coffman)
Subject : Re: A strange thing that happens when you are learning code

In article <252nkk\$3sa@gopher.cs.uofs.edu> bill@triangle.cs.uofs.edu (Bill Gunshannon) writes:
>In article <CC0r4s.FCu@cbnewsm.cb.att.com>, hellman@cbnewsm.cb.att.com
(eric.s.hellman) writes:
>|> Beethoven had written 4 symphonies and he needed a fresh idea for number V
>|> (Roman numeral)... so...he figured, why not ??? DiDiDiDaaah !!!!
>|> (Why do think it's called the 5th?)
>|>
>the connection between the main beat of Beethoven's 5th and Samuel F. B.
>Morse's code is specious at best. Beethoven published his 5th in 1812. Morse
>first concieved the idea of the telegraph while travelling on the packet ship
>Sully in 1832. It was a number of years later before he published what was to
>become known ase Morse Code. Although it is possible that Morse based the
>letter V on Beethoven's rythmn, it is highly unlikely that there is any real
>connection between them at all.

Since Morse's code was not designed to be sound based, the connection is even more strained. Morse intended the code to be decrypted by reading the marks made on a moving strip of paper by a pen attracted by an electro-magnet. It was only later that some operators noticed that they could often tell what was being received simply by listening to the pen clicking and clacking as it made the marks. Operators then invented the sounder to make the clicks and clacks louder and did away with the pen and paper strips.

Morse's code wasn't intended to be sent by hand either. It was sent by drawing a notched "port rule" across a set of contacts by means of a crank. The message was encoded by setting the proper notches on the rule. To save time, some operators began to manipulate the contacts directly, and discarded the "port rule".

So if you want to do Morse's code the way he did, you have to send and receive it by mechanical means, not with a key and ear. Morse would have been delighted by the ticker tape machines that came along later, or by the telex machine, since that's essentially what he was trying to invent.

Gary

--

Gary Coffman KE4ZV	"If 10% is good enough	gatech!wa4mei!ke4zv!gary
Destructive Testing Systems	for Jesus, it's good	uunet!rsiatl!ke4zv!gary
534 Shannon Way	enough for Uncle Sam."	emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244	-Ray Stevens	

End of Info-Hams Digest V93 #1000
